



Sheet 1 of 2

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
PRD2127US-PCT

SERIAL NO.  
10/572,985

**INFORMATION DISCLOSURE  
CITATION BY APPLICANT**

(Use several sheets if necessary)

APPLICANT  
Karlsson et al.

FILING DATE  
March 21, 2006

GROUP ART UNIT  
1657

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	INVENTORS	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
US		2003/0133931	July 17, 2003	Thurmond et al.			
US		2004/0058934	March 25, 2004	Carruthers et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY/REGION	CLASS	SUBCLASS	TRANSLATION (if applicable)
WO		01/74815	October 11, 2001	PCT			
WO		02/056871	July 25, 2002	PCT			
WO		02/072548	September 19, 2002	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pp., Etc.)**

		Bousquet et al., "Eosinophilic inflammation in asthma", <i>N Engl J Med.</i> , 1990, vol. 323(15), pp. 1033-1039.
		Bryan et al., "Responses of leukocytes to chemokines in whole blood and their antagonism by novel CC-chemokine receptor 3 antagonists", <i>Am J Respir Crit Care Med.</i> , 2002, vol. 165, pp. 1602-1609.
		Buckland et al., "Histamine induces cytoskeletal changes in human eosinophils via the H4 receptor", <i>Br J Pharmacol.</i> , 2003, vol. 140, pp. 1117-1127.
		Clark et al., "The selective eosinophil chemotactic activity of histamine", <i>J Exp Med.</i> , 1975, vol. 142, pp. 1462-1476.
		Gantner et al., "Histamine H4 and H2 receptors control histamine-induced interleukin-16 release from human CD8+ T cells", <i>J Pharmacol Exp Ther.</i> , 2002, vol. 303(1), pp. 300-307.
		Heinemann et al., "Basophil responses to chemokines are regulated by both sequential and cooperative receptor signaling", <i>J Immunol.</i> , 2000, vol. 165, pp. 7224-7233.
		Hill et al., "International Union of Pharmacology. XIII. Classification of histamine receptors", <i>Pharmacol Rev.</i> , 1997, vol. 49(3), pp. 253-278.
		Hofstra et al., "Histamine H4 receptor mediates chemotaxis and calcium mobilization of mast cells", <i>J Pharmacol Exp Ther.</i> , 2003, vol. 305(3), pp. 1212-1221.
		Jablonowski et al., "The first potent and selective non-imidazole human histamine H4 receptor antagonists", <i>J Med Chem.</i> , 2003, vol. 46(19), pp. 3957-3960.
		Jutel et al., "Histamine regulates T-cell and antibody responses by differential expression of H1 and H2 receptors", <i>Nature</i> , 2001, vol. 413, pp. 420-425.
		Liu et al., "Cloning and pharmacological characterization of a fourth histamine receptor (H4) expressed in bone marrow", <i>Mol Pharmacol.</i> , 2001, vol. 59(3), pp. 420-426.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PRD2127US-PCT	SERIAL NO. 10/572,985
<b>INFORMATION DISCLOSURE CITATION BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT Karlsson et al.	
		FILING DATE March 21, 2006	GROUP ART UNIT 1657

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pp., Etc.)**

	Liu et al., "Comparison of human, mouse, rat, and guinea pig histamine H4 receptors reveals substantial pharmacological species variation", <i>J Pharmacol Exp Ther.</i> , 2001, vol. 299(1), pp. 121-130.
	Lukacs, "Role of chemokines in the pathogenesis of asthma", <i>Nat Rev Immunol.</i> , 2001, vol. 1, pp. 108-116.
	Macfarlane et al., "Basophils, eosinophils, and mast cells in atopic and nonatopic asthma and in late-phase allergic reactions in the lung and skin", <i>J Allergy Clin Immunol.</i> , 2000, vol. 105(1, pt 1), pp. 99-107.
	Menzies-Gow et al., "Eotaxin (CCL11) and eotaxin-2 (CCL24) induce recruitment of eosinophils, basophils, neutrophils, and macrophages as well as features of early- and late-phase allergic reactions following cutaneous injection in human atopic and nonatopic volunteers", <i>J Immunol.</i> , 2002, vol. 169, pp. 2712-2718.
	Morse et al., "Cloning and characterization of a novel human histamine receptor", <i>J Pharmacol Exp Ther.</i> , 2001, vol. 296(3), pp. 1058-1066.
	Nguyen et al., "Discovery of a novel member of the histamine receptor family", <i>Mol Pharmacol.</i> , 2001, vol. 59(3), pp. 427-433.
	Oda et al., "Molecular cloning and characterization of a novel type of histamine receptor preferentially expressed in leukocytes", <i>J Biol Chem.</i> , 2000, vol. 275(47), pp. 36781-36786.
	O'Reilly et al., "Identification of a histamine H4 receptor on human eosinophils--role in eosinophil chemotaxis", <i>J Recept Signal Transduct Res.</i> , 2002, vol. 22(1-4), pp. 431-448.
	Penido et al., "LPS induces eosinophil migration via CCR3 signaling through a mechanism independent of RANTES and Eotaxin", <i>Am J Respir Cell Mol Biol.</i> , 2001, vol. 25, pp. 707-716.
	Raible et al., "Pharmacologic characterization of a novel histamine receptor on human eosinophils", <i>Am J Respir Crit Care Med.</i> , 1994, vol. 149, pp. 1506-1511.
	Sabroe et al., "Differential regulation of eosinophil chemokine signaling via CCR3 and non-CCR3 pathways", <i>J Immunol.</i> , 1999, vol. 162, pp. 2946-2955.
	Shah et al., "Novel human histamine H3 receptor antagonists," <i>Bioorg Med Chem Lett.</i> , 2002, vol. 12, pp. 3309-3312.
	Springer, "Traffic signals for lymphocyte recirculation and leukocyte emigration: the multistep paradigm", 1994, <i>Cell</i> , vol. 76, pp. 301-314.
	Tachimoto et al., "Cross-talk between integrins and chemokines that influences eosinophil adhesion and migration", <i>Int Arch Allergy Immunol.</i> , 2002, vol. 128(Suppl 1), pp. 18-20.
	Zhu et al., "Cloning, expression, and pharmacological characterization of a novel human histamine receptor", <i>Mol Pharmacol.</i> , 2001, vol. 59(3), pp. 434-441.
	Zimmermann et al., "Receptor internalization is required for eotaxin-induced responses in human eosinophils", <i>J Allergy Clin Immunol.</i> , 2003, vol. 111(1), pp. 97-105.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.